



INT Chart & ENC Schemes Web Catalogue

Manager Manual

version 3.0.0

August 2019



International
Hydrographic
Organization

Preface

International hydrographic Organization (IHO) has built a database of S-11 Part B and developed a web service in order to efficiently provide the current status of charts that coastal states produce and distribute for users.

This service helps not only mariners but chart users to search charts in various ways and to display them on several base maps. In this way, mariners and users will be quickly and easily able to search charts and get relevant information. In addition, this database has been updated with the cooperation of coastal states.

This user's manual provides basic structure of the system and description of various functions. Please do not hesitate to contact us if you have further questions regarding the web catalogue service and if you think we could make any improvements.

Contact point

IHO Secretariat (info@iho.int)

This user's manual consists of items as below.

1. Submit Process
2. Connect Web Site
3. Main Screen
4. Map Control
5. Base Map
6. Additional Layers
7. Speed Search
8. Advanced Search
9. Edit(for submission)
10. Submission
11. Analysis
12. Administration functions
13. Web service recommended specification

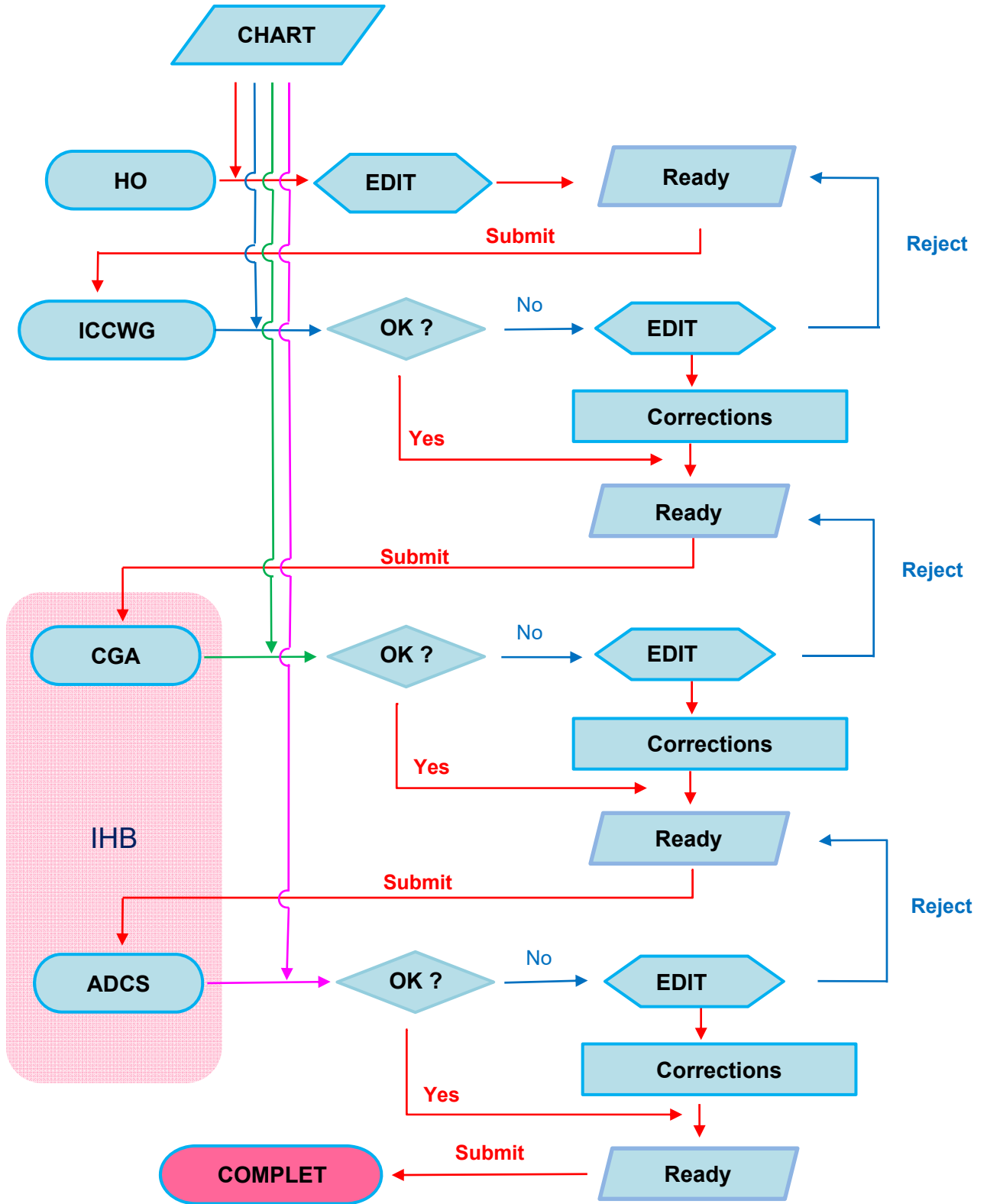
Acknowledgements

On behalf of the IHO Member States, the International Hydrographic Bureau would like to thank the Korea Hydrographic and Oceanographic Administration of the Republic of Korea for giving active support in transforming S-11 Part B Catalogue of INT Charts from an analogue into a database format, and in developing its web services and management system.

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1. Submit Process

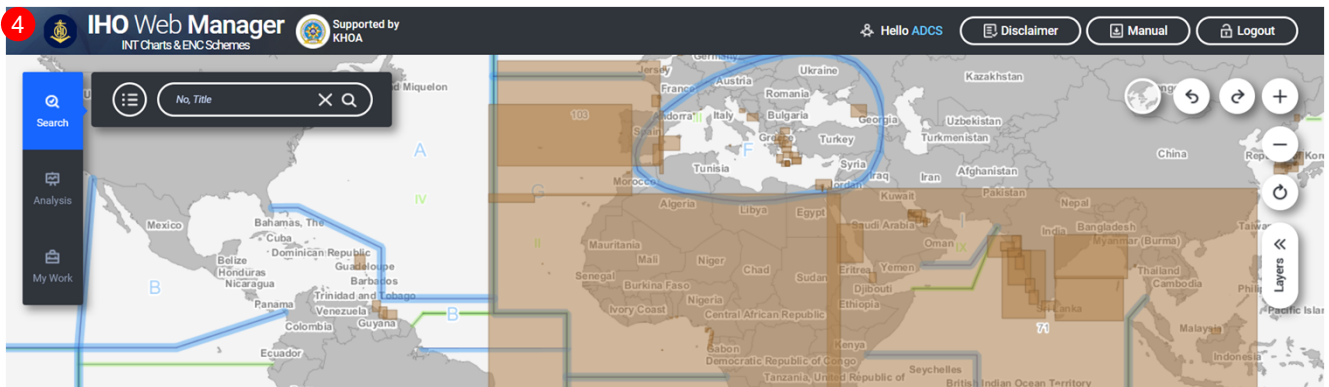
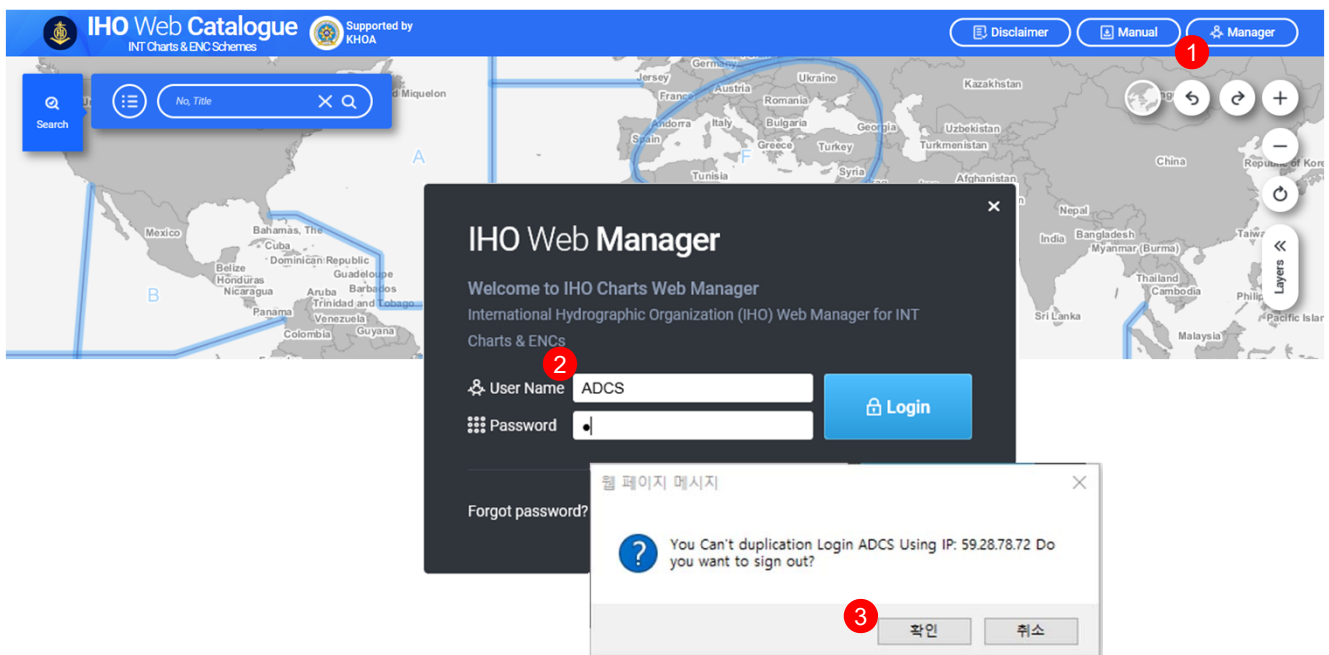


2. Connect Web Site

Connect to the following URL address to connect to the Web Catalogue.

<http://chart.iho.int:8080>

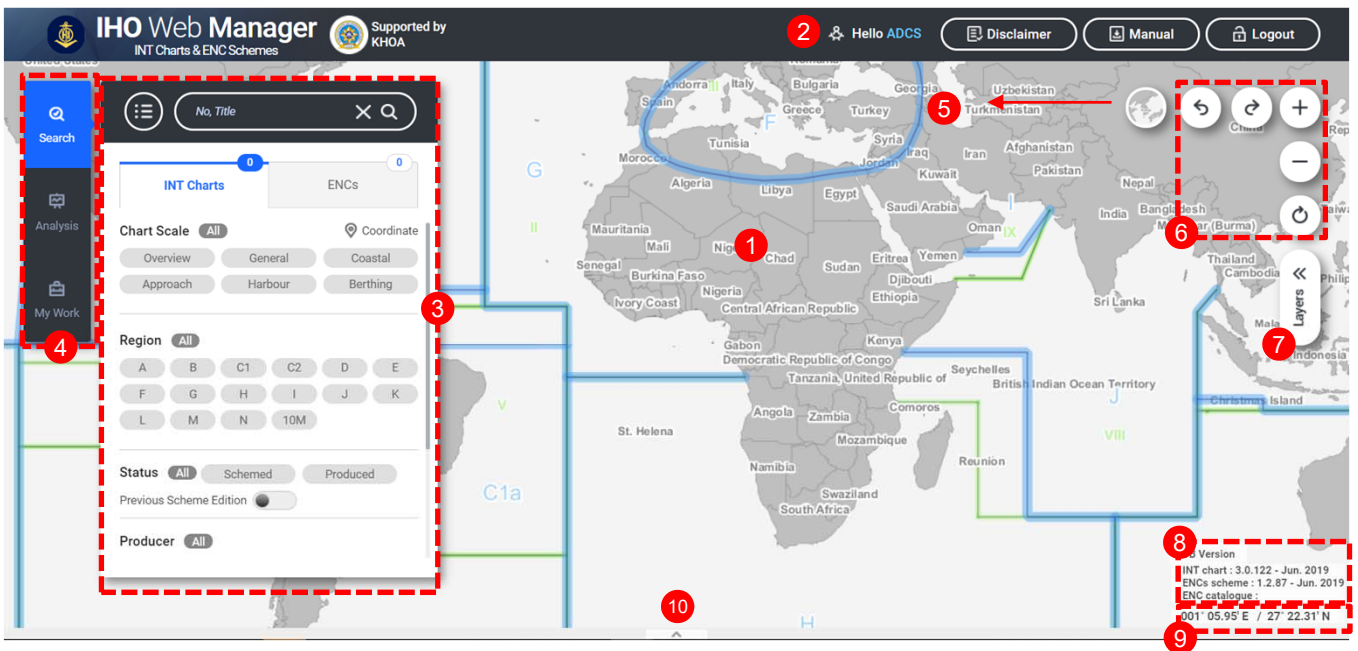
- ① Manager button : Click Go to manager button on the upper title bar of Catalogue to move to the manager page.
- ② Login : Type user name and Password and then click the Login button
- ③ Login duplication checking (checking with the ID and IP address, and if needed, forced logout)
- ④ Manager Window : main window



3. Main Screen

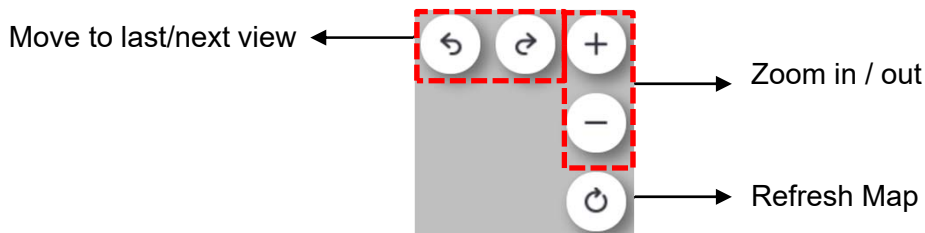
The main page is composed of the following configuration.

- ① Map Viewer : Display base map and chart information
- ② User Information : user information details to see
- ③ Chart Search : Display the conditions to search chart catalogue
- ④ Search/Analysis/MyWork : Gap / Overlap functions and button for my work list
- ⑤ Base Map : choose various back ground maps
- ⑥ Map Control : Zoom in/out and last/next view
- ⑦ Additional Layer
- ⑧ Coordinate information : location of the mouse
- ⑨ DB Version : Version of the INT chart / ENC
- ⑩ Work Window : It indicates searched information and it will give the possibility to process editing and approval



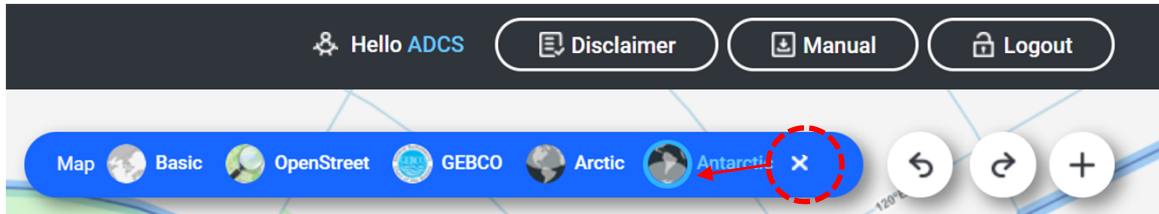
4. Map Control

Map control is composed of Last and Next view, Refresh, Move of map, Information view.

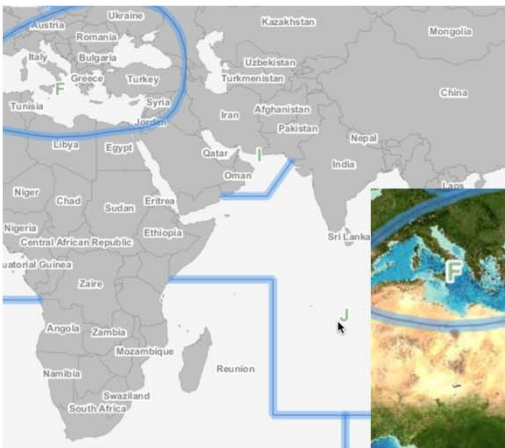


5. Base Map

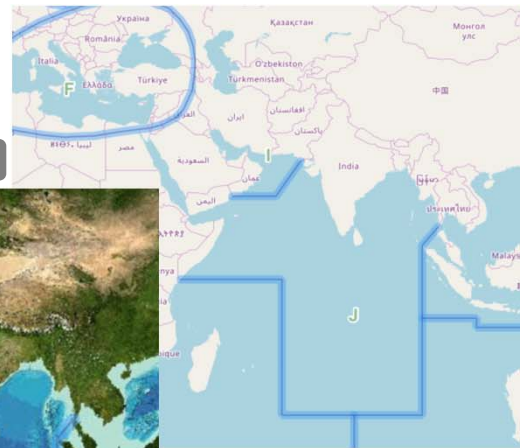
Some types of maps such as Basic Map(Base map), OpenStreet Map, GEBCO Map, Arctic/Antarctic Map are provided.



Basic Map



OpenStreet Map



GEBCO Map



Arctic Map

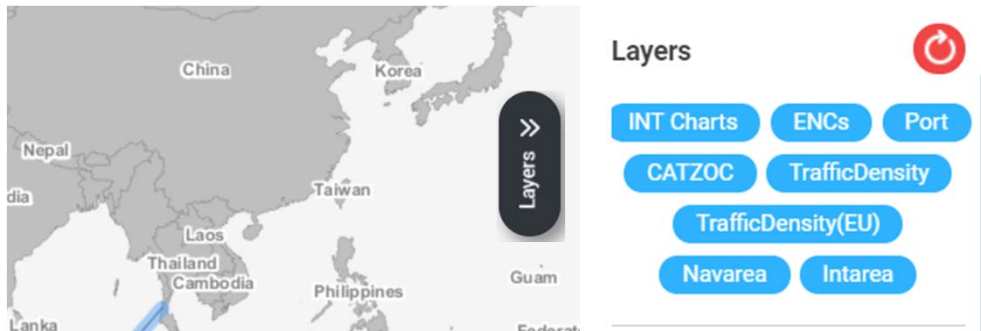


Antarctic Map



6. Additional Layers

Some types of maps such as WORLD Map(Base map), STREETS Map(Google map), SATELITE Map(Google SATELITE map), BATHYMETRY Map(esri map) are provided.



Changeable layer (Color, Opacity...)

Intarea	Default	Navarea	Default
<input checked="" type="checkbox"/> Intarea	<input type="checkbox"/> 50% T	<input checked="" type="checkbox"/> Navarea	<input type="checkbox"/> 50% T

INT Charts	Default	ENCs - Scheme	Default	ENCs - Catalogue	Default
<input type="checkbox"/> Proposing	<input type="checkbox"/> 50% T	<input type="checkbox"/> Proposing	<input type="checkbox"/> 50% T	<input type="checkbox"/> Overview	<input type="checkbox"/> 50% T
<input type="checkbox"/> Overview	<input type="checkbox"/> 50% T	<input type="checkbox"/> Overview	<input type="checkbox"/> 50% T	<input checked="" type="checkbox"/> General	<input type="checkbox"/> 50% T
<input type="checkbox"/> General	<input type="checkbox"/> 50% T	<input type="checkbox"/> General	<input type="checkbox"/> 50% T	<input type="checkbox"/> Coastal	<input type="checkbox"/> 50% T
<input type="checkbox"/> Coastal	<input type="checkbox"/> 50% T	<input type="checkbox"/> Coastal	<input type="checkbox"/> 50% T	<input type="checkbox"/> Approach	<input type="checkbox"/> 50% T
<input type="checkbox"/> Approach	<input type="checkbox"/> 50% T	<input type="checkbox"/> Approach	<input type="checkbox"/> 50% T	<input type="checkbox"/> Harbour	<input type="checkbox"/> 50% T
<input type="checkbox"/> Harbour	<input type="checkbox"/> 50% T	<input type="checkbox"/> Harbour	<input type="checkbox"/> 50% T	<input type="checkbox"/> Berthing	<input type="checkbox"/> 50% T
<input type="checkbox"/> Berthing	<input type="checkbox"/> 50% T	<input type="checkbox"/> Berthing	<input type="checkbox"/> 50% T		

Color
Opacity
TEXT On/Off
Layer On/Off

Immutable layer(Not shp, img...)

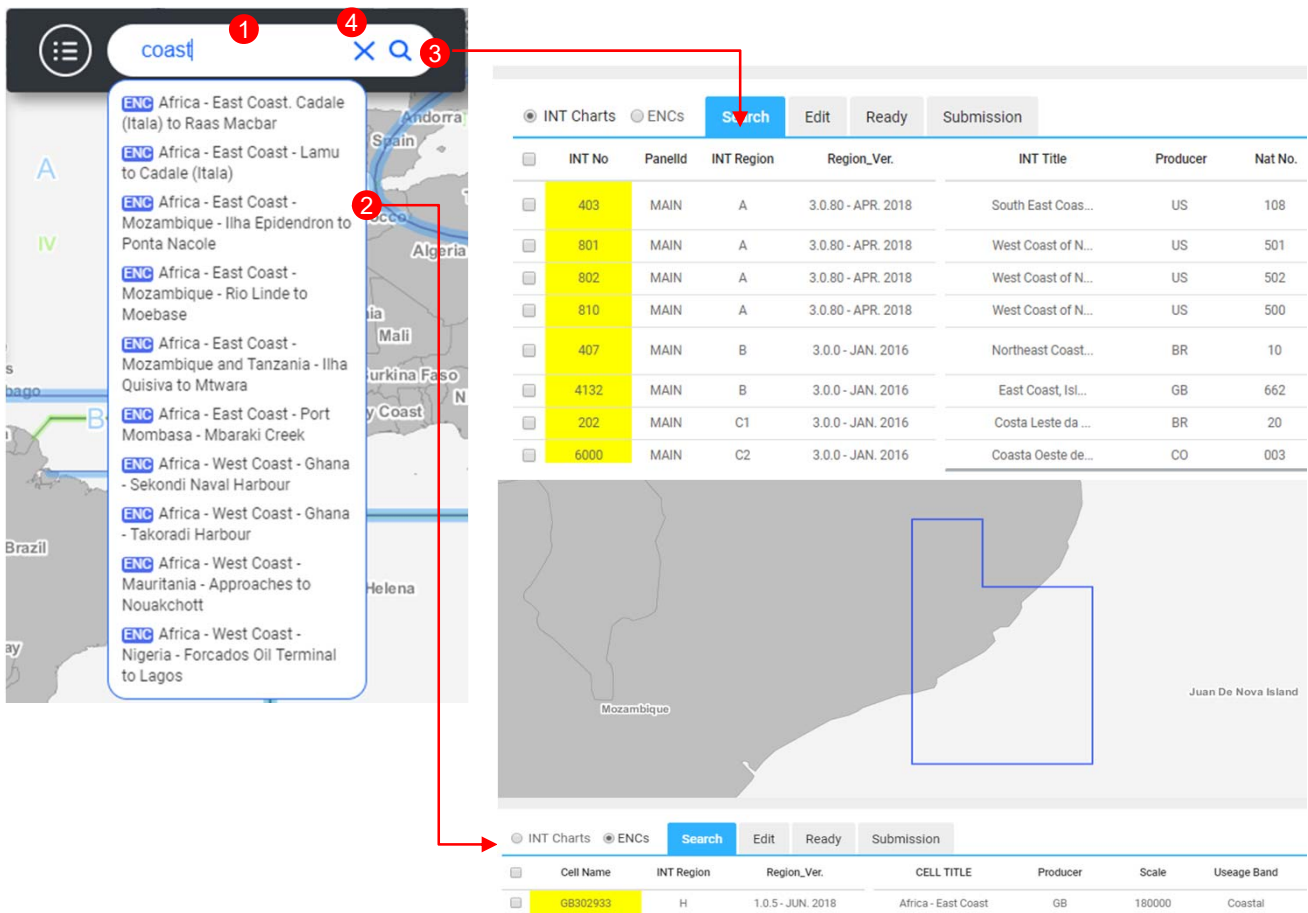
TrafficDensity(EU)	Default	TrafficDensity	Default	CATZOC	Default	Port	Default
<input type="checkbox"/> All	<input type="checkbox"/> 100+	<input type="checkbox"/> All	<input type="checkbox"/> 100+	<input type="checkbox"/> CATZOC A1	<input checked="" type="checkbox"/>	<input type="checkbox"/> Large	<input type="checkbox"/>
<input type="checkbox"/> Cargo	<input type="checkbox"/> 20	<input type="checkbox"/> Cargo	<input type="checkbox"/> 20	<input type="checkbox"/> CATZOC A2	<input checked="" type="checkbox"/>	<input type="checkbox"/> Medium	<input type="checkbox"/>
<input type="checkbox"/> Dredging or Underwater ops	<input type="checkbox"/> 10	<input type="checkbox"/> Tanker	<input type="checkbox"/> 10	<input type="checkbox"/> CATZOC B	<input type="checkbox"/>	<input type="checkbox"/> Small	<input type="checkbox"/>
<input type="checkbox"/> High Speed Craft	<input type="checkbox"/> 5	<input type="checkbox"/> Passenger	<input type="checkbox"/> 5	<input type="checkbox"/> CATZOC C	<input type="checkbox"/>	<input type="checkbox"/> Very Small	<input type="checkbox"/>
<input type="checkbox"/> Fishing	<input type="checkbox"/> 2	<input type="checkbox"/> Other	<input type="checkbox"/> 2	<input type="checkbox"/> CATZOC D	<input type="checkbox"/>		
<input type="checkbox"/> Military and Law Enforcement	<input type="checkbox"/> 0.5			<input type="checkbox"/> CATZOC U	<input type="checkbox"/>		
<input type="checkbox"/> Passenger Craft							
<input type="checkbox"/> Sailing							
<input type="checkbox"/> Service							
<input type="checkbox"/> Tanker							
<input type="checkbox"/> Tug and Towing							
<input type="checkbox"/> Other							
<input type="checkbox"/> Unknown							

* Note : World ENC was provided by IHO
 Port information used WPI(World Port Index) of NGA(National Geospatial-Intelligence Agency, USA)
 AIS traffic density ...
 CATZOC ...

7. Speed Search

Quickly search by INT chart and ENC's with chart title and number.

- ① Text Box : Type the word you want to search for.
- ② Quick List : When typing, click the list to Show
- ③ Search button : Run a search by clicking the Enter or Search button after typing a search term. Displays the number of search results per tab, and then click the tab to display the list of results
- ④ Reset button : Click the X button to initialize the search results and search terms.



The screenshot illustrates the search process. On the left, a search box contains the text 'coast'. A dropdown list shows various search results, including ENC titles like 'Africa - East Coast - Cadale (Itala) to Raas Macbar'. A red circle '1' is around the search box, '2' is around the dropdown list, '3' is around the search button, and '4' is around the reset button (X).

On the right, the search results are displayed in a table. The table has columns: INT No, PanelId, INT Region, Region_Ver., INT Title, Producer, and Nat No. The results are as follows:

INT No	PanelId	INT Region	Region_Ver.	INT Title	Producer	Nat No.
403	MAIN	A	3.0.80 - APR. 2018	South East Coas...	US	108
801	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	501
802	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	502
810	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	500
407	MAIN	B	3.0.0 - JAN. 2016	Northeast Coast...	BR	10
4132	MAIN	B	3.0.0 - JAN. 2016	East Coast, Isl...	GB	662
202	MAIN	C1	3.0.0 - JAN. 2016	Costa Leste da ...	BR	20
6000	MAIN	C2	3.0.0 - JAN. 2016	Coasta Oeste de...	CO	003

Below the table, a map shows the location of the search results, with a blue box highlighting the area of interest. The map includes labels for Mozambique and Juan De Nova Island.

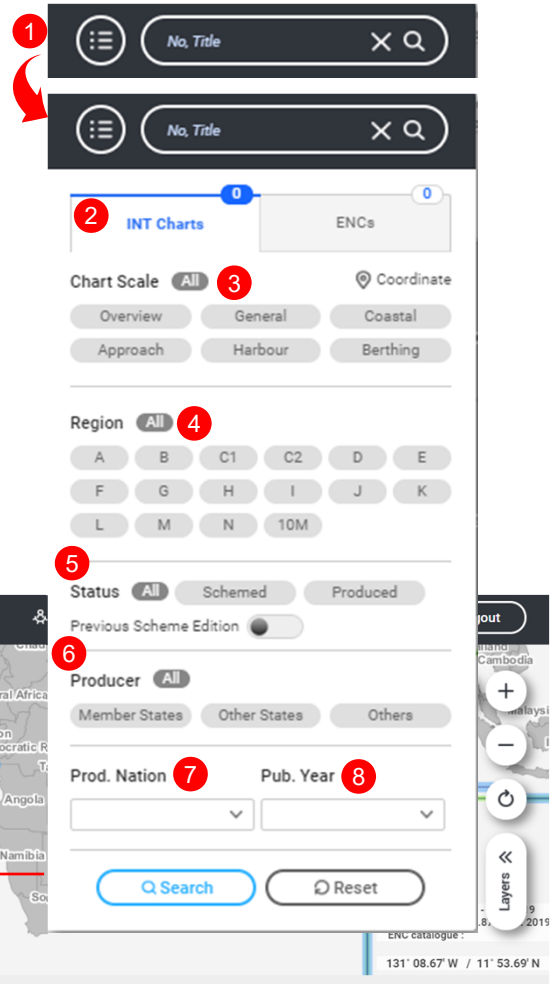
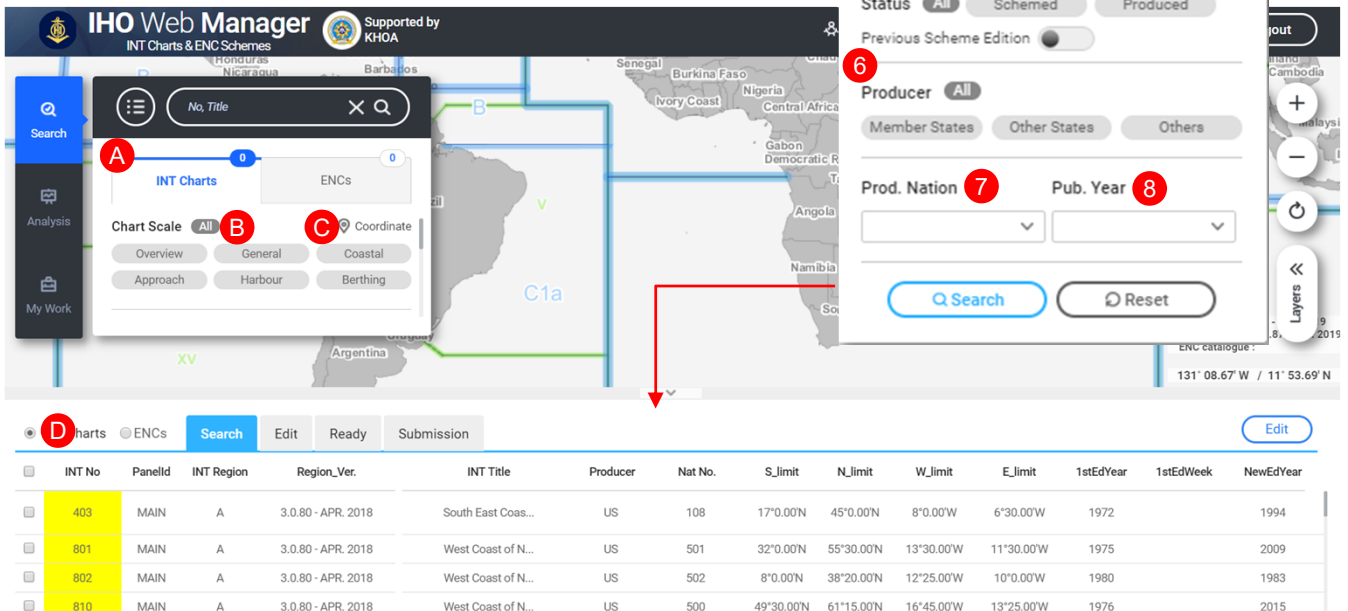
At the bottom, another table shows the details of the selected chart:

Cell Name	INT Region	Region_Ver.	CELL TITLE	Producer	Scale	Useage Band
GB302933	H	1.0.5- JUN. 2018	Africa - East Coast	GB	180000	Coastal

8. Advanced Search

Search by applying detailed search conditions such as INT Area, Chart Scale, Producer Nation, and Publication Year as well as search terms

- ① Advanced Search button : View to search option
- ② INT Paper/ENC Menu : INT Chart type to search
- ③ Chart Scale : Six band of INT Chart scale
- ④ Region : INT Region
- ⑤ Status : Schemed, Produced option
** Previous Scheme Edition
 searching the previous version
 "On": apply to search the history version*
- ⑥ Producer : S-100 Registry Producer Code Register option
- ⑦ Producer Nation(Depending on the selected Region above)
- ⑧ Publication Year(Depending on the selected Region above)

INT No	Panelld	INT Region	Region_Ver.	INT Title	Producer	Nat No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	1stEdWeek	NewEdYear
403	MAIN	A	3.0.80 - APR. 2018	South East Coas...	US	108	17°0.00'N	45°0.00'N	8°0.00'W	6°30.00'W	1972		1994
801	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	501	32°0.00'N	55°30.00'N	13°30.00'W	11°30.00'W	1975		2009
802	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	502	8°0.00'N	38°20.00'N	12°25.00'W	10°0.00'W	1980		1983
810	MAIN	A	3.0.80 - APR. 2018	West Coast of N...	US	500	49°30.00'N	61°15.00'N	16°45.00'W	13°25.00'W	1976		2015

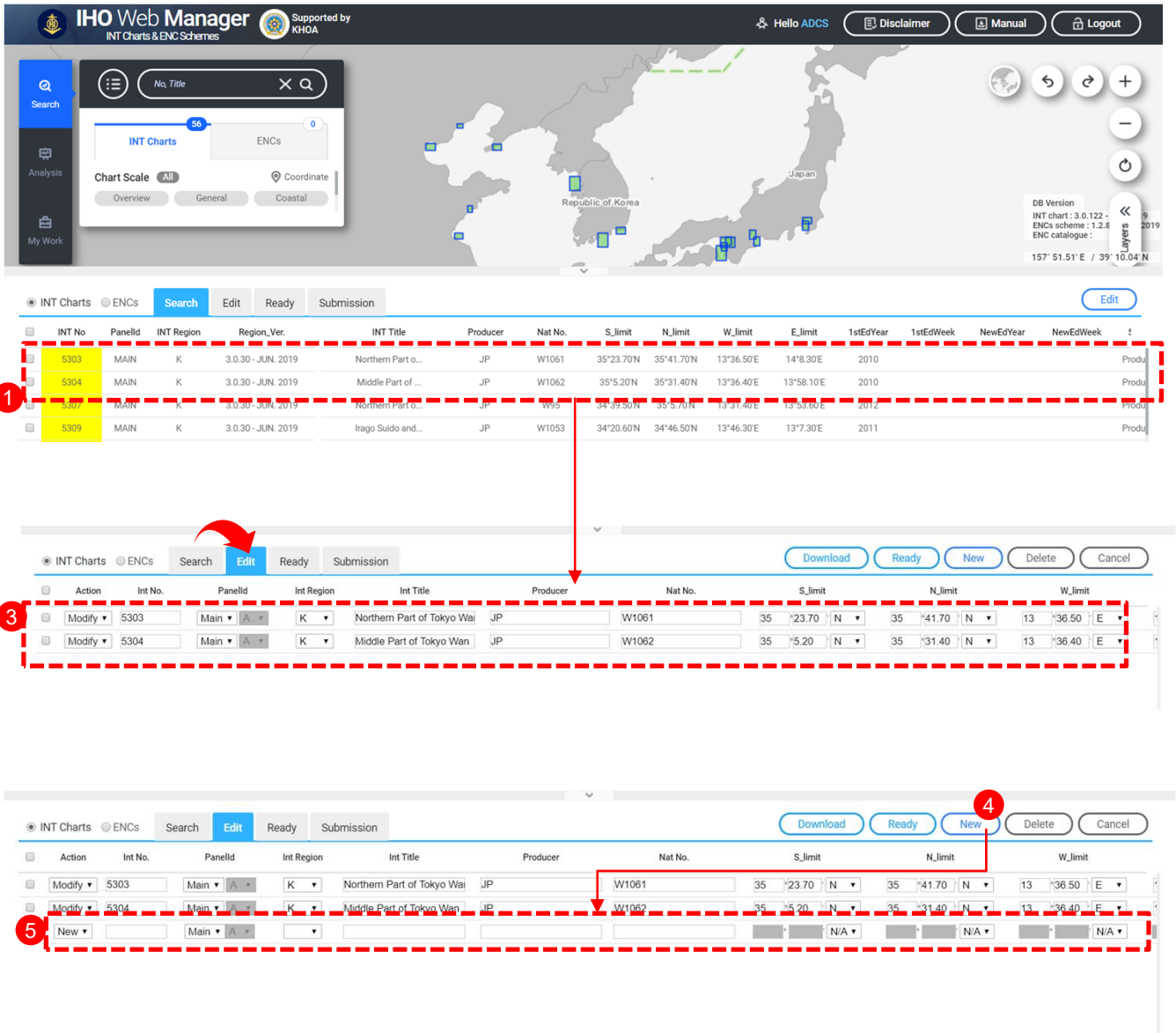
- Ⓐ Category: INT charts or ENCs
- Ⓑ Search Menu : searching with various options
- Ⓒ Coordinate : searching by Point, Line or Area
- Ⓓ Details : detail information of the search result. When click the list, move to the chart area

9. Edit(For Submission)

Suggestions may be made by modifying the retrieved INT chart or by entering a new one

9-1. Edit for INT Chart / ENC Scheme

- ① Select item for Search Result : Select a chart to edit and submit
- ② Edit tap : move to Edit tap to update the chart
- ③ Action - Modify : update the chart contents



The screenshot shows the IHO Web Manager interface. At the top, there's a search bar and a map. Below the map is a table of INT Charts. A red dashed box highlights the first four rows of the table, with a red circle '1' next to the first row. Below the table, there are buttons for 'Download', 'Ready', 'New', 'Delete', and 'Cancel'. A red arrow points from the 'Edit' button in the top navigation to the 'Modify' button in the table. Another red arrow points from the 'New' button to the 'New' row in the table. A red circle '4' is next to the 'New' button, and a red circle '5' is next to the 'New' row. A red dashed box highlights the 'New' row and the 'Modify' rows.

INT No.	PanelId	INT Region	Region_Ver.	INT Title	Producer	Nat No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	1stEdWeek	NewEdYear	NewEdWeek	s
5303	MAIN	K	3.0.30 - JUN. 2019	Northern Part o...	JP	W1061	35°23.70'N	35°41.70'N	13°36.50'E	14°8.30'E	2010				Produ
5304	MAIN	K	3.0.30 - JUN. 2019	Middle Part of ...	JP	W1062	35°5.20'N	35°31.40'N	13°36.40'E	13°58.10'E	2010				Produ
5307	MAIN	K	3.0.30 - JUN. 2019	Northern Part o...	JP	W95	34°39.30'N	35°5.70'N	13°31.40'E	13°53.60'E	2012				Produ
5309	MAIN	K	3.0.30 - JUN. 2019	Irigo Suldo and...	JP	W1053	34°20.60'N	34°46.50'N	13°46.30'E	13°7.30'E	2011				Produ

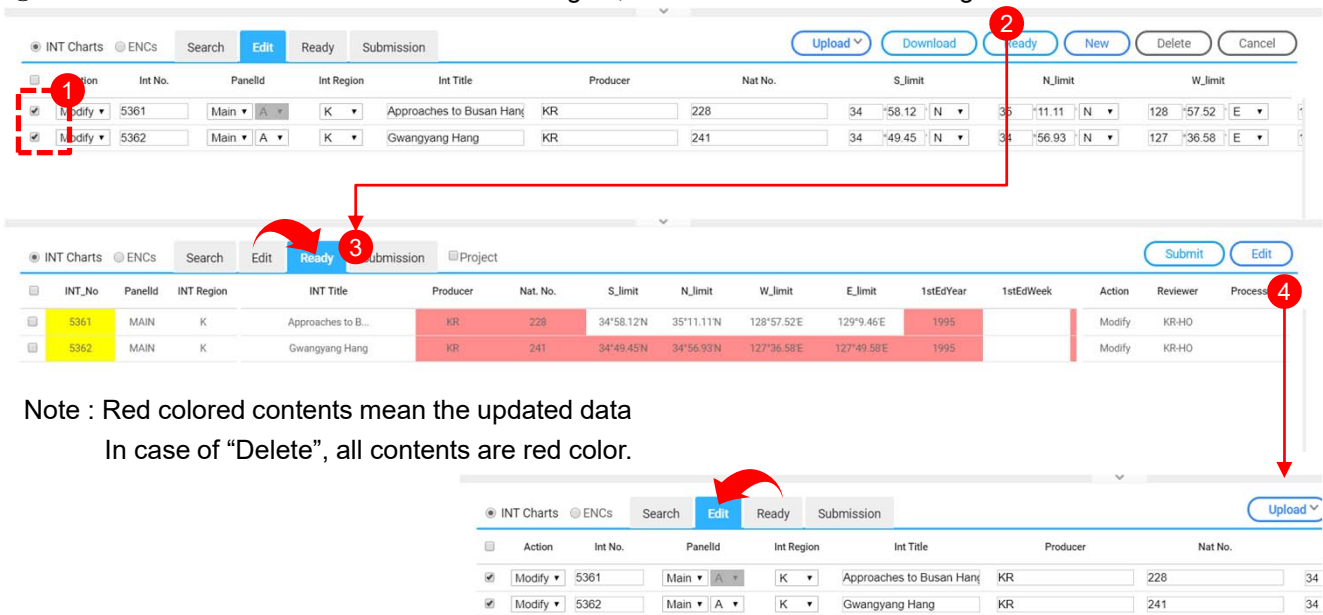
Action	Int No.	PanelId	Int Region	Int Title	Producer	Nat No.	S_limit	N_limit	W_limit
Modify	5303	Main	K	Northern Part of Tokyo Wai	JP	W1061	35°23.70'N	35°41.70'N	13°36.50'E
Modify	5304	Main	K	Middle Part of Tokyo Wan	JP	W1062	35°5.20'N	35°31.40'N	13°36.40'E
New		Main					N/A	N/A	N/A

- ④ New button : click the New button,
- ⑤ Action – New : and then fill in the chart contents

9-2. Editing & Ready

Select Modify, Delete, or New from the Edit menu to save to Ready.

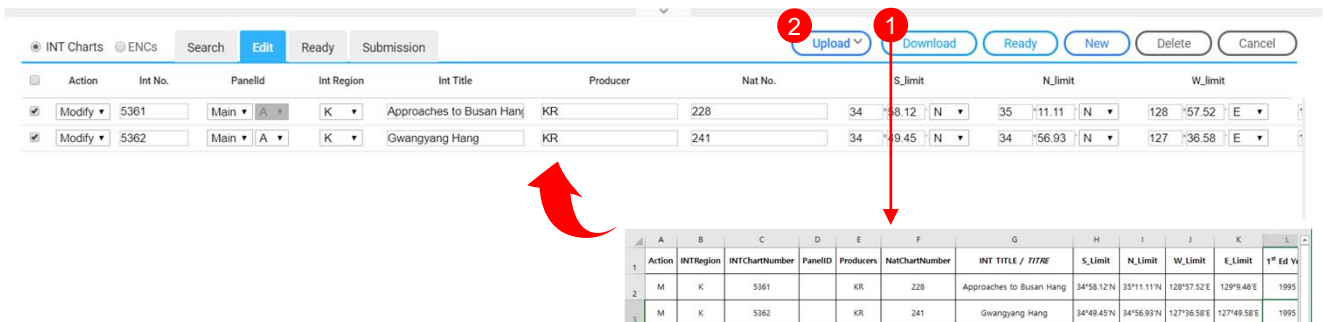
- ① Select for Edit item : Select charts to update or input a new item from the Edit menu
- ② Ready button : Click the Ready button to move items to the Ready menu
- ③ Submit : Selected charts from the ready tap is moving to submission menu.
* Search – with the same process from edit to ready, during this steps, it can be available to add more charts
- ④ Edit Button : Once click Edit button to edit again, the selected charts is moving back to the Edit menu



Note : Red colored contents mean the updated data
In case of "Delete", all contents are red color.

9-3. End Upload & Download

- ① Select for Edit item download : In the Edit menu, you can download the selected charts
- ② Item upload : In the Edit menu, you can upload the charts with excel, shp format.



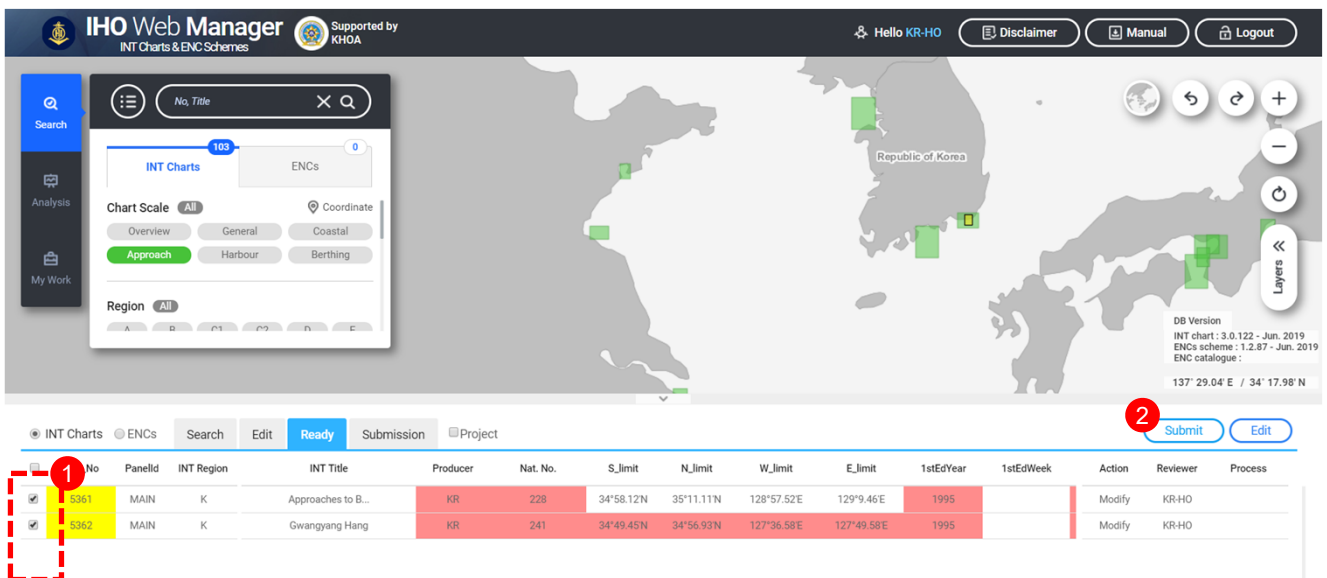
	A	B	C	D	E	F	G	H	I	J	K	L
1	Action	INTRegion	INTChartNumber	PanelID	Producers	NatChartNumber	INT TITLE / TITLE	S_Limit	N_Limit	W_Limit	E_Limit	1 st Ed Yr
2	M	K	5361		KR	228	Approaches to Busan Hang	34°58.12'N	35°11.11'N	128°57.52'E	129°9.46'E	1995
3	M	K	5362		KR	241	Gwangyang Hang	34°49.45'N	34°56.93'N	127°36.58'E	127°49.58'E	1995

10. Submission

Editor submit the modified chart information to high level decision maker.
HO -> ICCWG -> IHB(CGA ->ADCS) explains approval procedure.

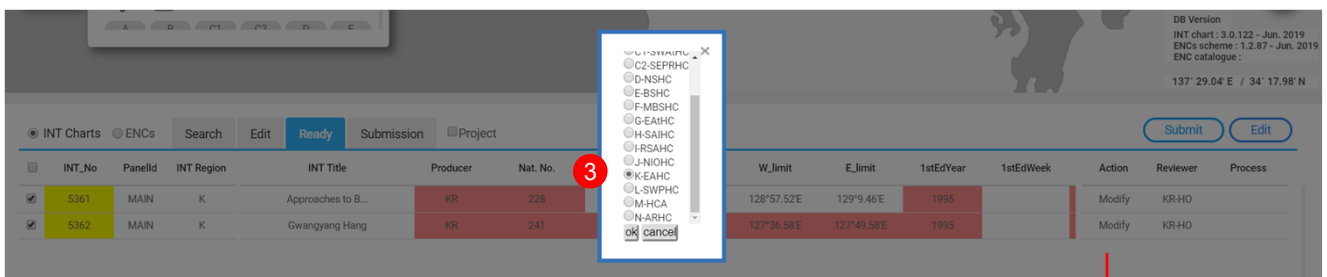
10-1. Submit by HO

- ① Select for Submission item : Check the chart that will be submitted
- ② Submit button : Click the SUBMIT button
- ③ Pop-up : Pop-up screen which can select ICCWG, will be created Basic check lists in the pop-up screen follows Int Area



The screenshot shows the IHO Web Manager interface. At the top, there's a search bar and navigation tabs for 'INT Charts' and 'ENCs'. Below the search bar, there are filters for 'Chart Scale' (All, Overview, General, Coastal, Approach, Harbour, Berthing) and 'Region' (All, A, B, C1, C2, D, E). A map of the Republic of Korea is displayed in the background. Below the map, there's a table with columns: No, PanelId, INT Region, INT Title, Producer, Nat. No., S_limit, N_limit, W_limit, E_limit, 1stEdYear, 1stEdWeek, Action, Reviewer, Process. Two rows are highlighted in yellow, and a red dashed box encloses them. A red circle with the number 2 is placed over the 'Submit' button in the top right corner.

No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	1stEdWeek	Action	Reviewer	Process
5361	MAIN	K	Approaches to B...	KR	228	34°58.12N	35°11.11N	128°57.52E	129°9.46E	1995		Modify	KR-HO	
5362	MAIN	K	Gwangyang Hang	KR	241	34°49.45N	34°56.93N	127°36.58E	127°49.58E	1995		Modify	KR-HO	



This screenshot shows the same table as above, but with a pop-up menu open over the first row. The menu lists various chart scales: C2-SEPRHC, D-NSHC, E-BSHC, F-MBSHC, G-EAHC, H-SAIHC, I-RSAHC, J-KIHC, K-EAHC, L-SWPHC, M-HCA, N-ARHC. A red circle with the number 3 is placed over the menu.

Note : If the INT Area is different, it needs to be submit separately



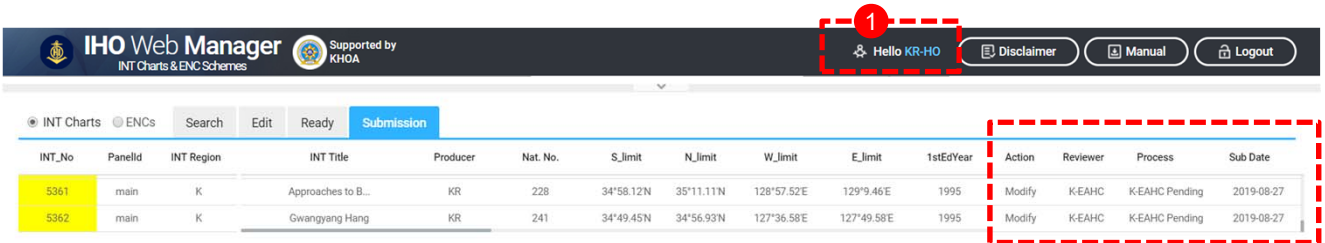
This screenshot shows the 'Submission' tab selected. The table now includes a 'Sub Date' column. A red dashed box highlights the 'Action', 'Reviewer', and 'Process' columns for both rows.

INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	1stEdWeek	Action	Reviewer	Process	Sub Date
5361	main	K	Approaches to B...	KR	228	34°58.12N	35°11.11N	128°57.52E	129°9.46E	1995		Modify	K-EAHC	K-EAHC Pending	2019-08-27
5362	main	K	Gwangyang Hang	KR	241	34°49.45N	34°56.93N	127°36.58E	127°49.58E	1995		Modify	K-EAHC	K-EAHC Pending	2019-08-27

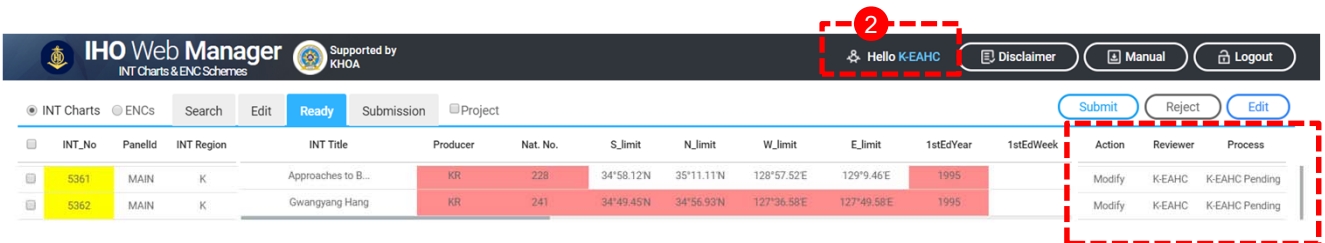
10-2. Submit by ICCGW

If you submit the modified chart from the HO to ICCGW, you are able to check this in the Ready tab.

- ① HO User : You are able to check progressing status in the submission tab, after you submit in the KR-HO.
- ② ICCWG User : K-EAHC which is ICCGW account is able to check information that stands by approval from the Ready tab.




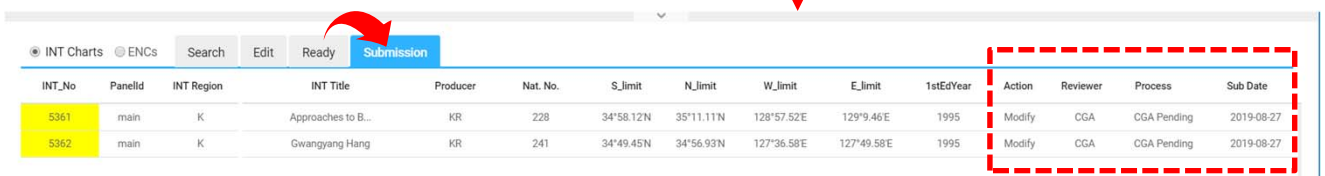
INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	Action	Reviewer	Process	Sub Date
5361	main	K	Approaches to B...	KR	228	34°58.12N	35°11.11N	128°57.52E	129°9.46E	1995	Modify	K-EAHC	K-EAHC Pending	2019-08-27
5362	main	K	Gwangyang Hang	KR	241	34°49.45N	34°56.93N	127°36.58E	127°49.58E	1995	Modify	K-EAHC	K-EAHC Pending	2019-08-27



INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	1stEdWeek	Action	Reviewer	Process
5361	MAIN	K	Approaches to B...	KR	228	34°58.12N	35°11.11N	128°57.52E	129°9.46E	1995		Modify	K-EAHC	K-EAHC Pending
5362	MAIN	K	Gwangyang Hang	KR	241	34°49.45N	34°56.93N	127°36.58E	127°49.58E	1995		Modify	K-EAHC	K-EAHC Pending

- ③ Submit : Transfer to CGA which are high level decision makers
 - ④ Reject : Return to the HO
 - ⑤ Edit : If you need to modify it again, select the list and click Edit menu
- * The name will be the person who edit the chart

With KR-HO(HO)'s Ready Tab, Display the Process with 'KR-HO Reject'

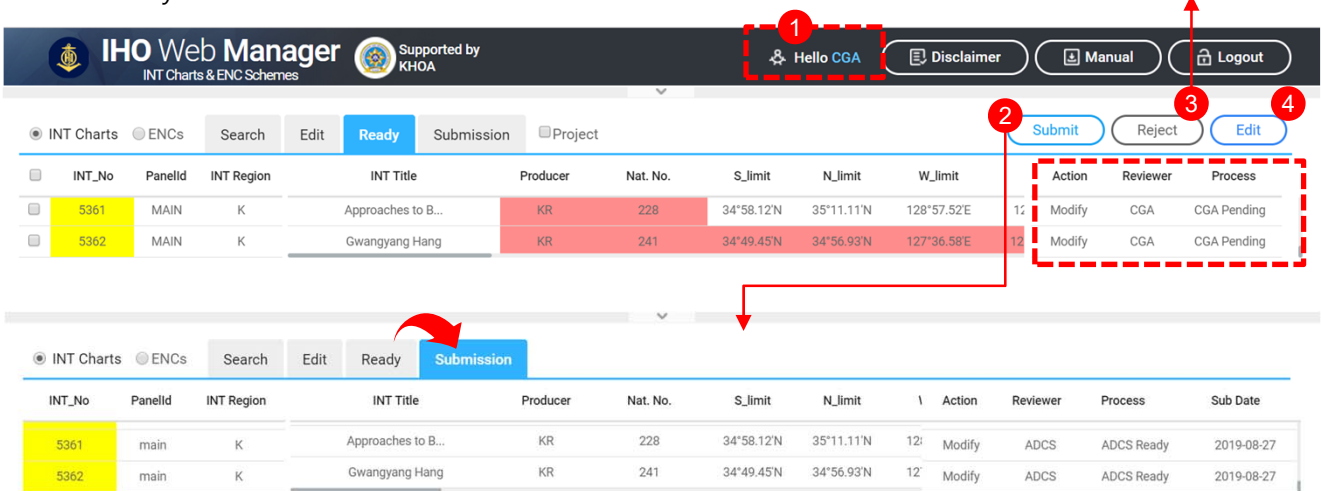
INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	E_limit	1stEdYear	Action	Reviewer	Process	Sub Date
5361	main	K	Approaches to B...	KR	228	34°58.12N	35°11.11N	128°57.52E	129°9.46E	1995	Modify	CGA	CGA Pending	2019-08-27
5362	main	K	Gwangyang Hang	KR	241	34°49.45N	34°56.93N	127°36.58E	127°49.58E	1995	Modify	CGA	CGA Pending	2019-08-27

10-3. Submit by CGA

CGA account have full authority of ICCWG, and able to modify additional submitted data.

- ① CGA User : Ready Tab of the CGA account
- ② Submit : Approve the proposal and submit it to ADCS
- ③ Reject : Return to ICCWG
- ④ Edit : Select the appropriate item if a modification is required and go to the Modify menu

In the K-EAHC(ICCWG)'s Ready Tab, Display the Process with 'CGA Reject'



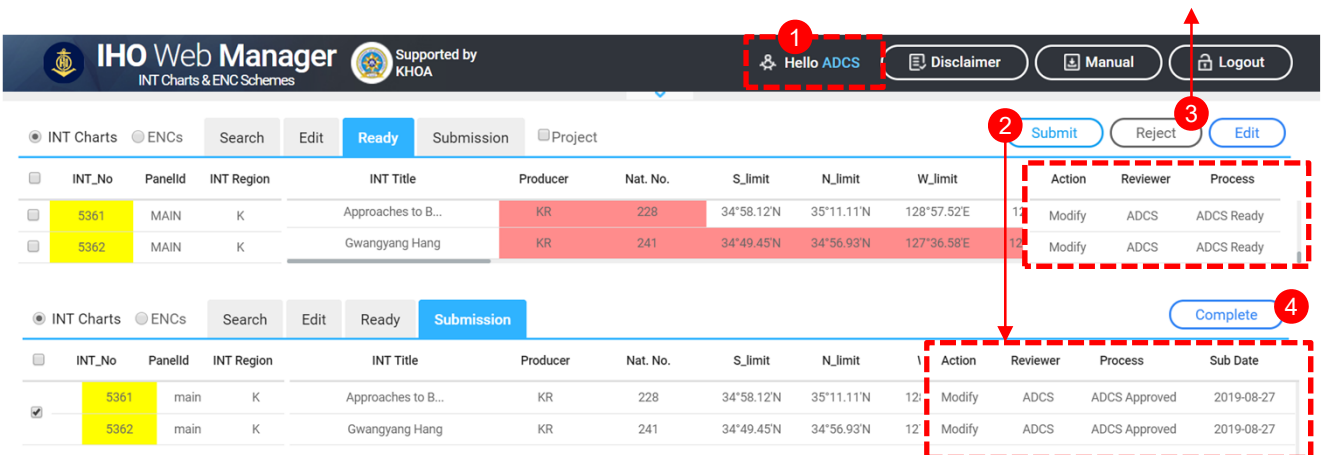
INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	Action	Reviewer	Process
5361	MAIN	K	Approaches to B...	KR	228	34°58.12'N	35°11.11'N	128°57.52'E	Modify	CGA	CGA Pending
5362	MAIN	K	Gwangyang Hang	KR	241	34°49.45'N	34°56.93'N	127°36.58'E	Modify	CGA	CGA Pending

8-4. Submit by ADCS

ADCS account have full authority of CGA, and able to complete additional submitted data.

- ① ADCS User : Ready Tab of the ADCS account
- ② Submit : Check the chart that will be submitted and click the Submit button, will be shown up, and Chart information of Database will be update.
- ③ Reject : Return to CGA.
- ④ Complete : Message that chart information, Region Version that have been updated.

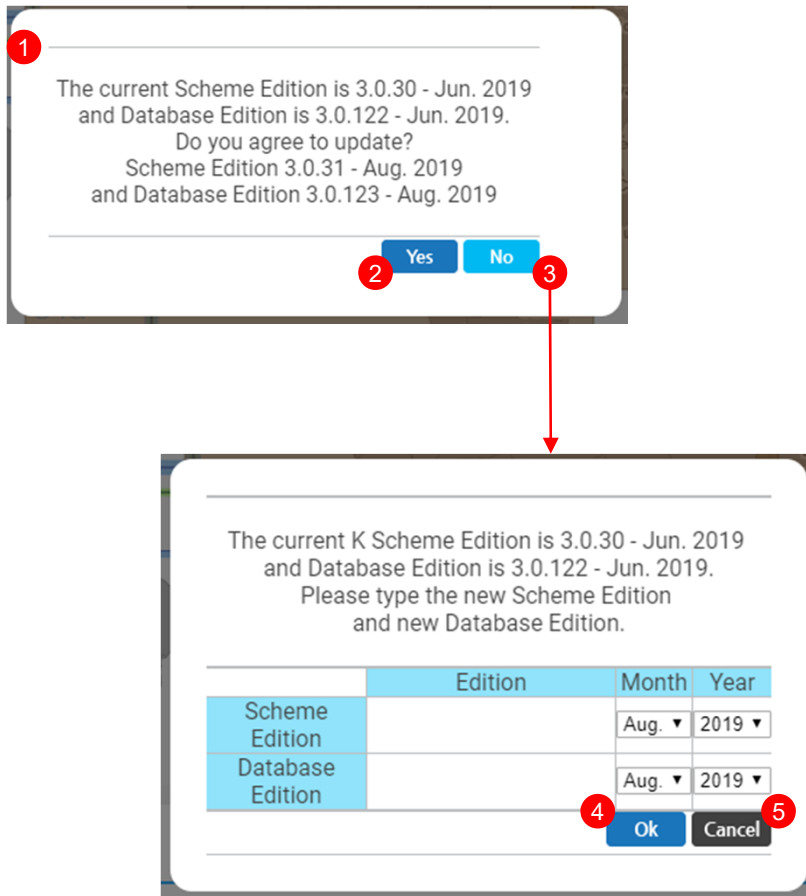
In the CGA's Ready Tab, Display the Process with 'ADCS Reject'



INT_No	PanelId	INT Region	INT Title	Producer	Nat. No.	S_limit	N_limit	W_limit	Action	Reviewer	Process
5361	MAIN	K	Approaches to B...	KR	228	34°58.12'N	35°11.11'N	128°57.52'E	Modify	ADCS	ADCS Ready
5362	MAIN	K	Gwangyang Hang	KR	241	34°49.45'N	34°56.93'N	127°36.58'E	Modify	ADCS	ADCS Ready

10-4. ADCS Managing Regional Edition

- ① When ADCS opens complete, Regional Edition and Database Edition manage pad is displayed.
- ② When you click yes, the client is updated to the displayed version information.
- ③ When you click no, ADCS can control Regional Edition and Database Edition manually.
- ④ ADCS completes version management by typing Regional Edition and Database edition.
- ⑤ When you click Cancel, version update is not completed.



① The current Scheme Edition is 3.0.30 - Jun. 2019 and Database Edition is 3.0.122 - Jun. 2019. Do you agree to update? Scheme Edition 3.0.31 - Aug. 2019 and Database Edition 3.0.123 - Aug. 2019

② Yes ③ No

The current K Scheme Edition is 3.0.30 - Jun. 2019 and Database Edition is 3.0.122 - Jun. 2019. Please type the new Scheme Edition and new Database Edition.

	Edition	Month	Year
Scheme Edition		Aug. ▾	2019 ▾
Database Edition		Aug. ▾	2019 ▾

④ Ok ⑤ Cancel

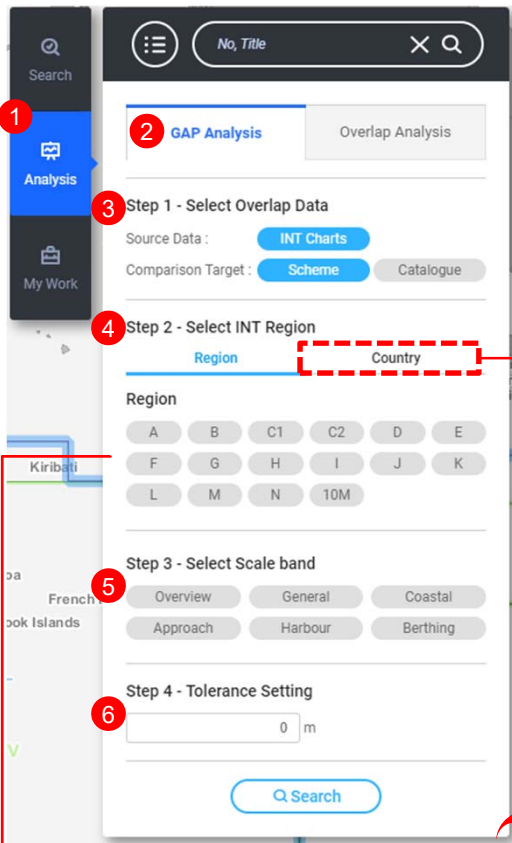
11. Analysis

An overlay and gap analysis using INT chart and ENC is provided.

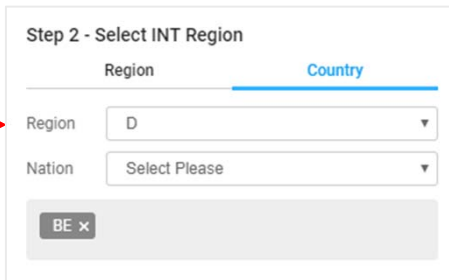
11-1. GAP Analysis

Finds an area on a single usage where ENCs are missing and provides a list of the INT charts.

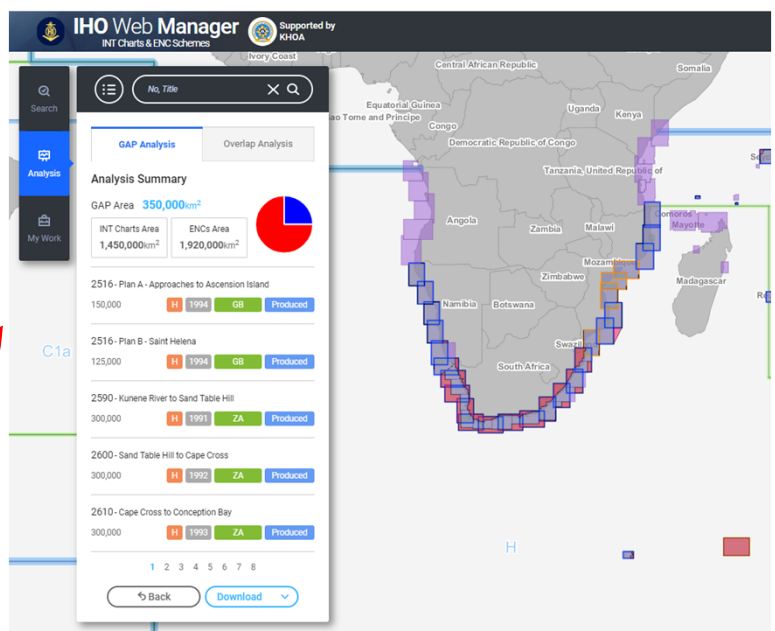
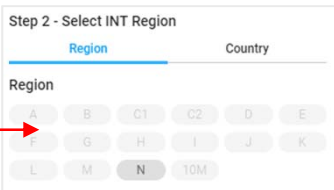
- ① Analysis button : Show Analysis Window
- ② GAP Analysis Menu : Displays the detailed conditions for the GAP analysis
- ③ Step 1: Select INT charts and target source data for the gap analysis
- ④ Step 2 : Select INT Region or Country to Analyze (only one region can be selected)
- ⑤ Step 3 : Select a band to analyze (only one band can be selected)
- ⑥ Step 4 : Input tolerance (km, negative input capability is available)



* Function to select countries in the INT Region



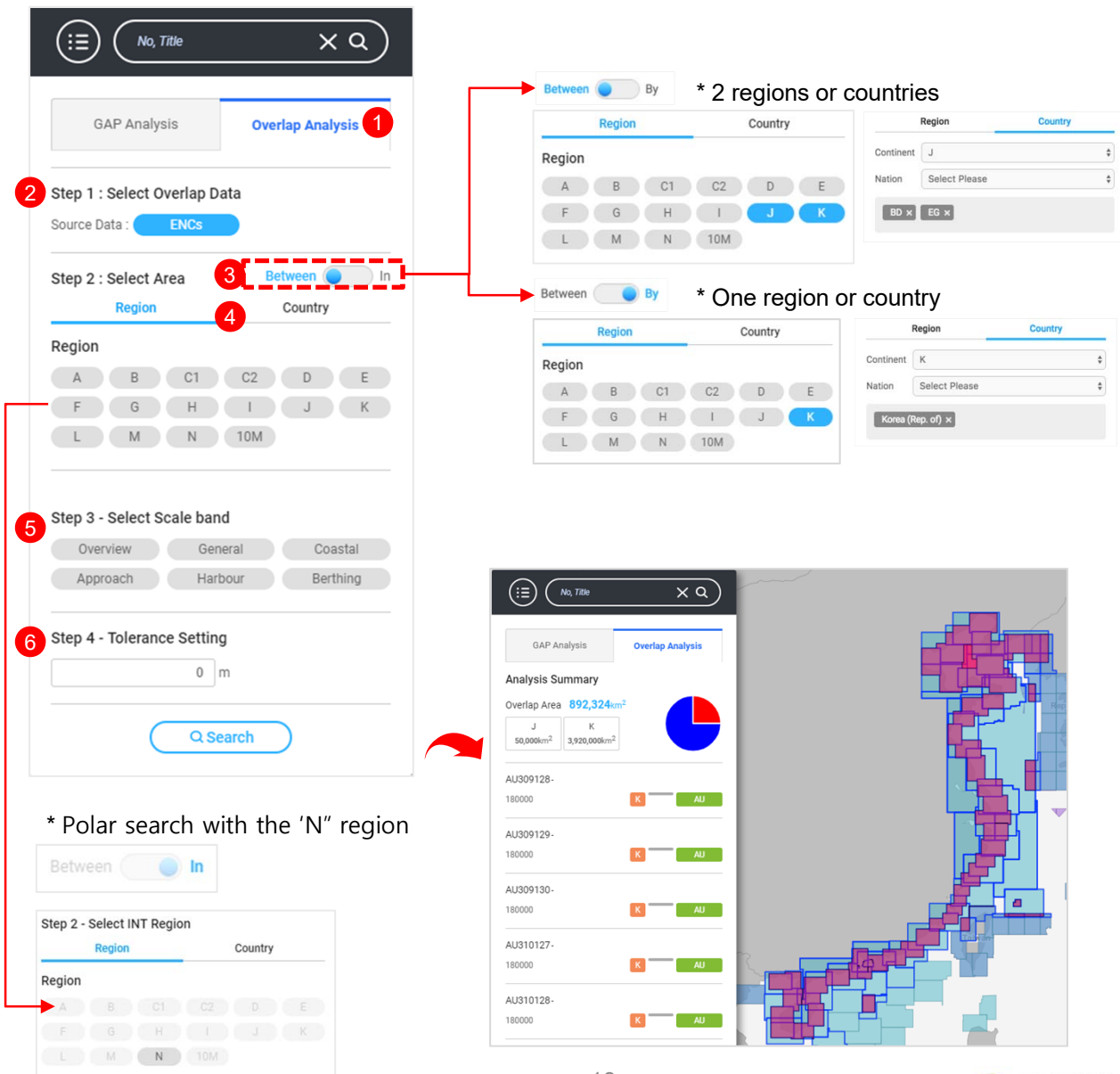
* Polar search with the 'N' region



11-2. Overlap Analysis

Analyze and provide a list of the ENC's overlaid between two INT Regions or between two countries on a single band, and within one INT Region or within one country.

- ① Overlay Analysis Menu : Show detailed conditions for overlap analysis
- ② Step 1: Select source data for the analysis
- ③ Step 2 : Select Analysis Type(Between / By)
 - Between : Overlapping between regions or countries (select only two)
 - By : Analyze overlay in a region or country (select only one)
- ④ Step 2 : Select "region" or "country" by a type of analysis
- ⑤ Step 3 : Select a band to analyze (only one band can be selected)
- ⑥ Step 4 : input tolerance (km, possible negative input)



Step 1: Select Overlap Data
Source Data : ENCs

Step 2: Select Area
Between (Selected) / In

Step 3: Select Scale band
Overview | General | Coastal | Approach | Harbour | Berthing

Step 4: Tolerance Setting
0 m

Analysis Summary
Overlap Area 892,324km²

Region	Area (km ²)
J	50,000km ²
K	3,920,000km ²

Region Selection Grids:

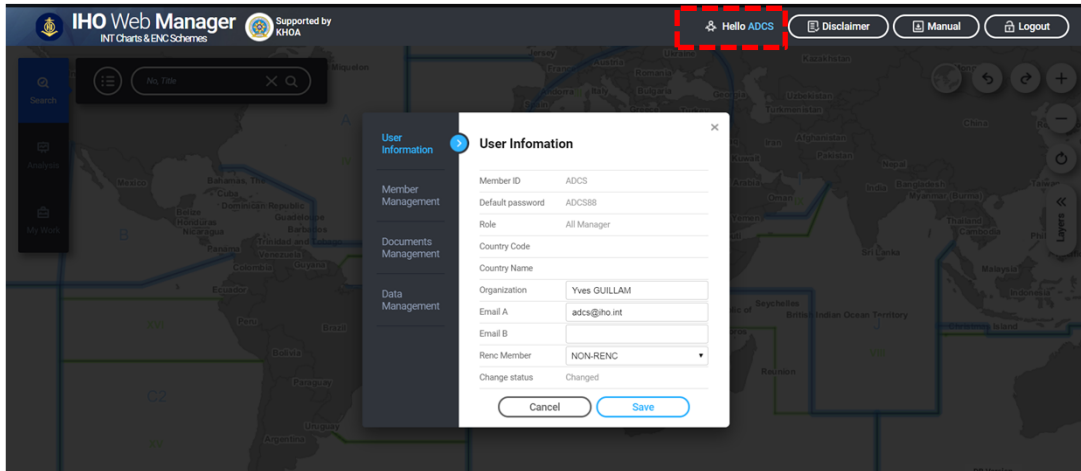
- * 2 regions or countries:** Region (A-K), Country (J, K)
- * One region or country:** Region (A-K), Country (K)

*** Polar search with the 'N' region:** Between / In

Region Selection Grid: Region (A-N, 10M)

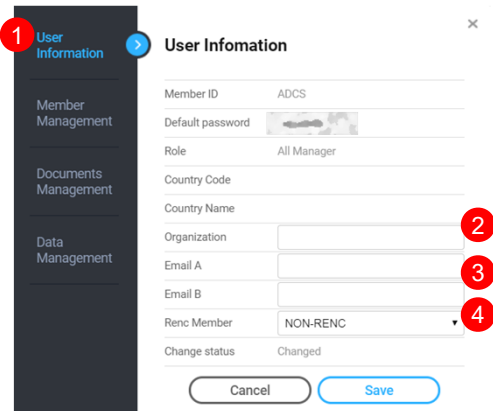
12. Administration functions

Administrators can modify user information and update additional layers provided on the website



12-1. User Information

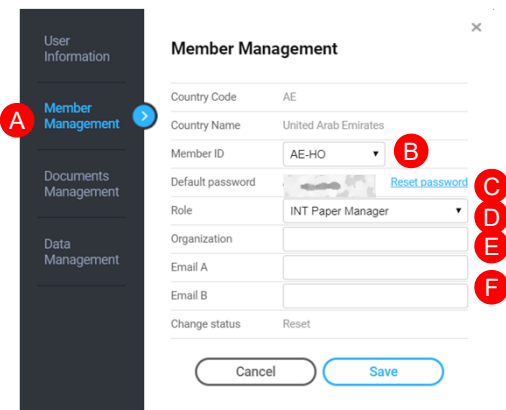
Modifying the information of the currently logged in user



- ① User Information Click the Menu
- ② Organization : Update the organization
- ③ Email A/B : type the emails
- ④ RENC Member : select the RENC or Non-REC member

12-2. Member Management

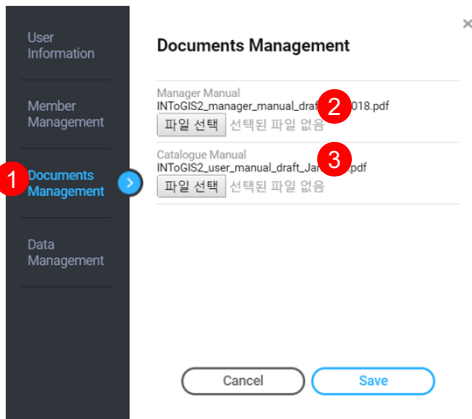
Administrators modify user information



- Ⓐ Member Management Click the Menu
- Ⓑ Member ID : Select the ID
- Ⓒ Reset Password : set a default Password
- Ⓓ Role : Change the User right
- Ⓔ Organization : Update the organization
- Ⓕ Email A/B : Modify emails

12-3. Documents Management

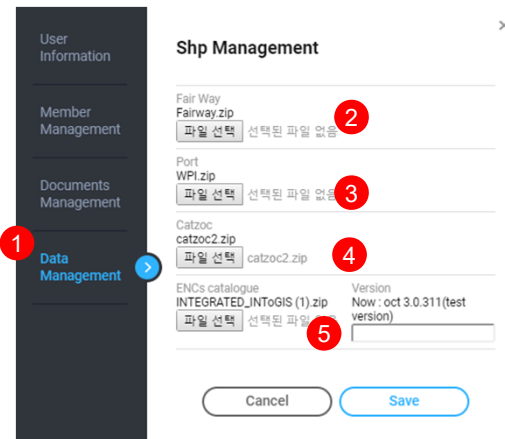
Updates the add-on layer and user/manager manual provided by the website.



- ① Documents Management Click the Menu
- ② Manager Manual : Upload the Manager manual
- ③ Catalogue Manual : Upload the user manual

Note : the Manual file format is only possible with the PDF.

12-4. Data Management



- ① Data Management: Click the Menu
- ② Fair Way : Upload the route data
- ③ Port : Upload the port data
- ④ CATZOC : Upload the CATZOC data
- ⑤ World ENC : Upload the ENC catalogue and version info.

Note : Layer information is set of SHP files (shp,shx,dbf,prj) compressed and Upload the ZIP file

Upload up to 100MB and takes 10 minutes or 20 minutes (other tasks are possible during the upload)

13. Web service recommended specification

This web service recommends the following usage environment.

- ① Web Browser : Internet Explorer 10, Mircrosoft Edge, Chrome, Firefox, Safari
- ② Graphic Resolution : 1920 x 1200